1861MNRAS..22...17E

Day.	G.M.T.	Comet's R.A.	Comet's N.P.D.	Stars from which the Comet's Distance was measured.
1861.	h m s	h m s	° ′ ″	
July 2	8 58 24	8 25 27·25	28 1 0·3	Spica, α Coronæ.
4	6 11 2	10 38 18·35	23 6 1·4	Spica, α Coronæ.
	6 15 19	10 37 49·00	23 9 9·7	Polaris, Spica.
5	7 44 33	11 39 5·43	23 32 3·8	Polaris, Arcturus.
	7 46 52	11 39 14·10	23 31 33·6	Arcturus, α Lyræ.
6	8 28 11	12 21 59·50	24 51 2·6	Polaris, Arcturus (not favourable).
	8 30 37	12 22 57·85	24 47 42·5	Arcturus, α Lyræ.
8	6 23 16	13 14 31·54	27 42 22·0	Polaris, Arcturus (unfavourable).
	6 29 40	13 14 43·99	27 42 38·1	Arcturus, α Lyræ.
9	6 32 26	13 31 43·01	29 9 5·8	Polaris, Arcturus (unfavourable).
	6 36 10	13 32 12·24	29 8 35·3	Arcturus, α Lyræ.
10	6 24 29	13 43 48·79	30 26 10·4	Polaris, Arcturus (unfavourable).
	6 28 28	13 45 33·27	30 24 20·3	Arcturus, α Lyræ.

November 4, 1861.

Places of Comet II. 1861. By N. M. R. Edmondson, Esq., Assistant, Armagh Observatory.

(*Communicated by Dr. Robinson.*)

G.M.T.	R.A.	Par. in R.A.	N.P.D.	Par. in N.P.D.
	h m s	s	° ′ ″	″
July 1·4516	7 28 6·38	$+ \varpi \times$ 0·0406	34 17 24·94	$- \varpi \times$ 0·8468
2·5157	8 36 7 *		27 20 *	
5·4739	11 46 52·63	0·0965	23 44 3·01	0·3383
6·4883	12 28 16·27	0·0908	25 18 19·22	0·3200
7·4954	12 57 27·90	0·0864	26 32 1·64	0·3088
9·4864	13 34 59·05	0·0755	29 25 58·07	0·2480
10·4464	13 47 43·69	0·0628	30 39 20·46	0·1304
14·4583	14 18 48·34	0·0570	34 36 52·47	0·1968
16·4787	14 27 38 *		36 5 *	
18·4496	14 34 43·12	0·0515	37 13 3·49	0·2143
21·4722	14 42 27 *		38 34 *	
23·4581	14 46 32·56	0·0520	39 26 16·47	0·2798

* Approximate.

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1861MNRAS..22...18H

	Comparison Stars.	Assumed Places.	Obs.
(1)	Federenko's Lalande 1166	Lalande	1
(2)	R.A. = $8^h 36^m 1^s$*, N.P.D. = 27° 14′		2
(3)	Lalande 22785	ditto	4
(4)	Groombridge 1888	R.A. from Radcliffe N.P.D. from Armagh	3
	„ 1926	Armagh Catalogue	4
	P. xiii. 110	ditto	4
	„ 233	ditto	5
	Groombridge 2102	ditto	5
	R.A. = $14^h 34^m 42^s$*, N.P.D. = 36° 0′*		3
	P. xiv. 164	ditto	5
	R.A. = $14^h 7^m 48^s$*, N.P.D. = 38° 33′*		1
	Radcliffe Catalogue	Radcliffe Catalogue	3

* Approximate.

Nov. 9th, 1861.

The Hydrographer of the Admiralty has communicated Observations taken by Mr. J. F. Krabbe, Master H. M. S. Meander, at Ascension Island, 1861, July 4, 8, and 29, of a Comet seen there, and which is, in fact, Comet II., 1861. The observations are sextant observations of the distances from three stars.

Sir Thomas Maclear, Director of the Royal Observatory at the Cape of Good Hope, has communicated to the Society a series of Right Ascensions and North Polar Distances of Comet III., 1860, deduced from observations made with the 8½-feet Equatoreal at the Observatory. The observations extend from 9 July to 18 Oct. 1860. The paper probably will appear *in extenso* in the *Memoirs* of the Society.

Observations made at the Dudley Observatory, Albany, New York. By G. W. Hough, Esq., Assistant.

(*Communicated by Prof. O. M. Mitchell, Director of the Observatory.*)

Observations of Comet II. 1861, *made with the Equatoreal.*

Date.	M.T. of Obs.	App. R.A.	App. Decl.
	h m s	h m s	° ′ ″
Aug. 3	10 30 17·56	15 2 47·41	+47 29 14·87
10	10 54 35·16	15 10 38·48	
14	11 0 47·20	15 14 55·95	+45 34 20·17
15	9 57 45·91	15 15 57·44	

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